Joint Service Mask Leakage Tester (JSMLT)

NBC OAG Decision Brief

JSMLT Capabilities

- Key features. The JSMLT will be capable of performing the following tests:
  - Overall mask leakage test
  - Mask leakage isolation test
  - Outlet valve test
  - Drink tube flow test
  - Drink tube valve leakage test
  - Drink train leakage test
  - Quantitative Fit Factor Test (QFFT)

JSMLT Fielding Plan

- JSMLT Milestone C Full Rate Production (FRP) scheduled for early FY05 with fielding completed in FY09
- Current Acquisition Objective (AO) is 255 systems
- Basis of Issue (See ULSS draft)
  - One per battalion
  - Three per MAG
  - Currently being reevaluated based on JSMLT's performance during testing, and the establishment of the CSF.
- Cost: ~$21K per item

MCCDC Observations

- JSMLT currently has reliability concerns… however:
  - Second round of operational and developmental testing in progress to test engineering improvements made to the systems.
  - Testing will validate success at mitigating reliability issues and determine operational effectiveness and suitability of the system
  - Results not available until around Dec ’04/Jan ’05.
- Currently, JSMLT is exclusively contractor maintained. No user repair actions.
- CSFs have been implemented since inception of the fielding plan. May need to determine how system will be used at each user level.
  - Two users: CSF and Operating Force Units

OAG Decision Items

- Do we need to change current Operating Force Basis of Iss **NO**

YES Make BOI adjustments on ULSS draft Conc **Continue** Distribution.

OAG Decision Items

- Do we add JSMLT to the CSF inventory?

NO

- CSF responsible for serviceability checks at check-in/check-out.

YES

  - No funding in place to support CSF contract support performing Unit PMCS of masks already issued.
  - Units responsible for PMCS of issued masks.

Continue

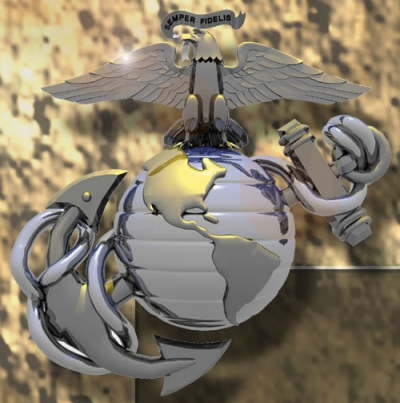
OAG Decision Items

- Determine JSMLT Basis of Issue for the CSF.
  - Recommendation: One JSMLT/1,000 masks stored in CSF.

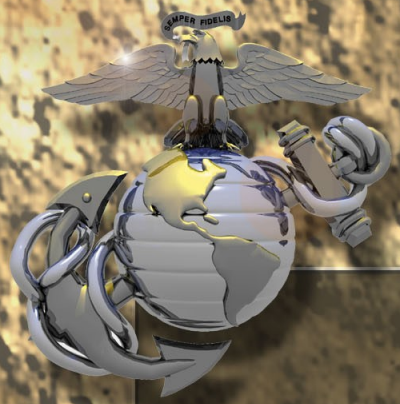
Continue

OAG Decision Items

- Additional issues/concerns.



Questions?


SEMPER FIDELIS

DEPARTMENT OF THE NAVY
UNITED STATES MARINE CORPS

Backups

CSF Sites

- Camp Lejuene –
- Fort Worth –
- Hawaii –
- Yuma –
- Miramar –
- Camp Pendleton –
- Cherry Point –
- Camp Butler –
- Iwakuni –
- Beaufort –
- 29 Palms –
- Quantico –
- New River –

ORD Changes For MOT&E II

- JSMLT IPT ORD Clarification
  - 4. a (1) The JSMLT will correctly detect 90% of mask leakage faults that are not otherwise detected during manual (visual) serviceability insp.
  - 4. (2) The JSMLT will correctly detect 90% of mask leakage faults that are not otherwise detected during manual (visual) serviceability insp. (This is to determine individual components such as outlet valve disk or side voice mitter)

JSMLT Future

- **MOT&E II**
  - **MCOTEA will be conducting MOT&E II Oct-Nov 04**
  - **Milestone C Full Rate Production (FRP) decision Jan 05**
  - **Threshold Cost is ≤ $25K**